



FIG. 1

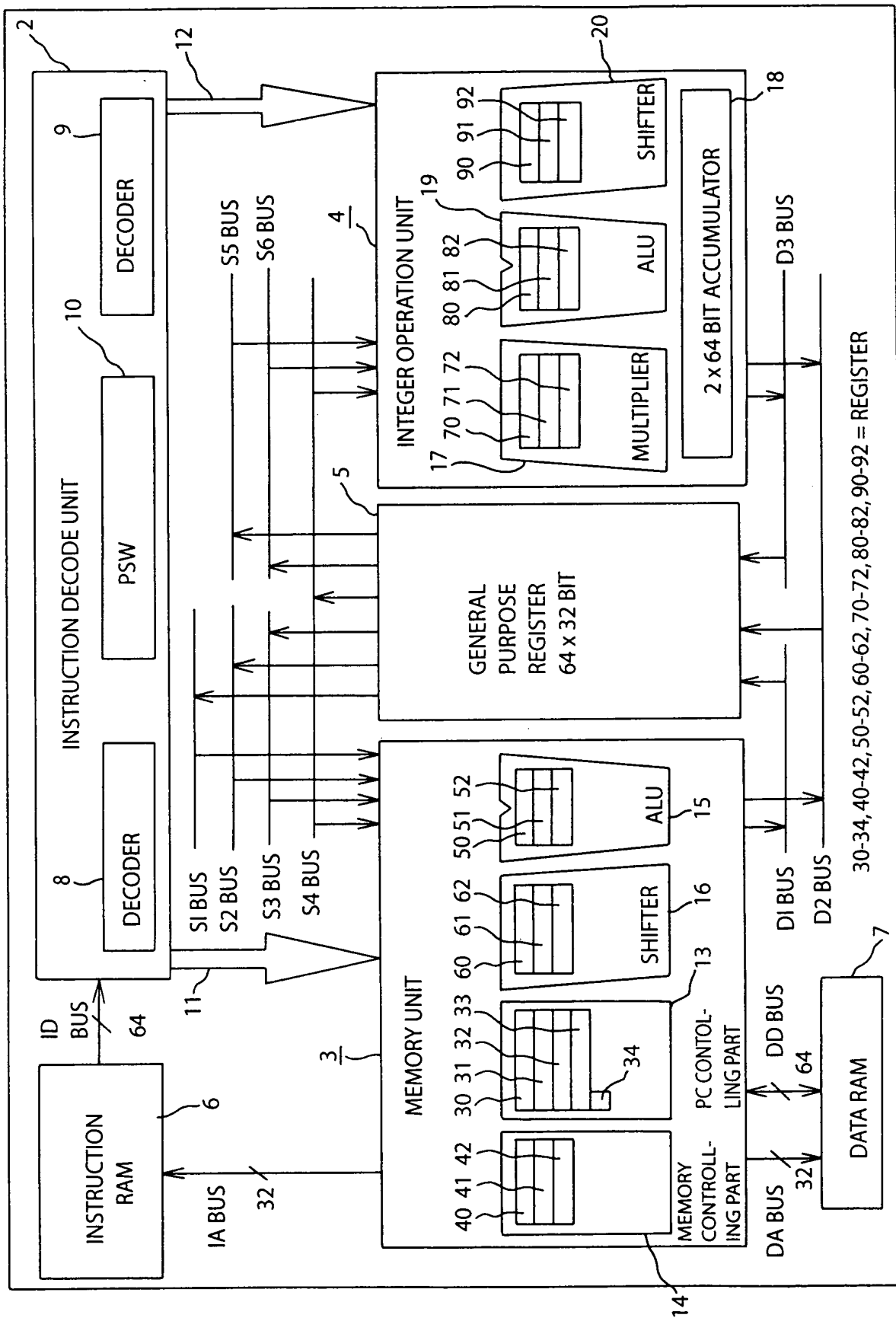




FIG. 2(a)

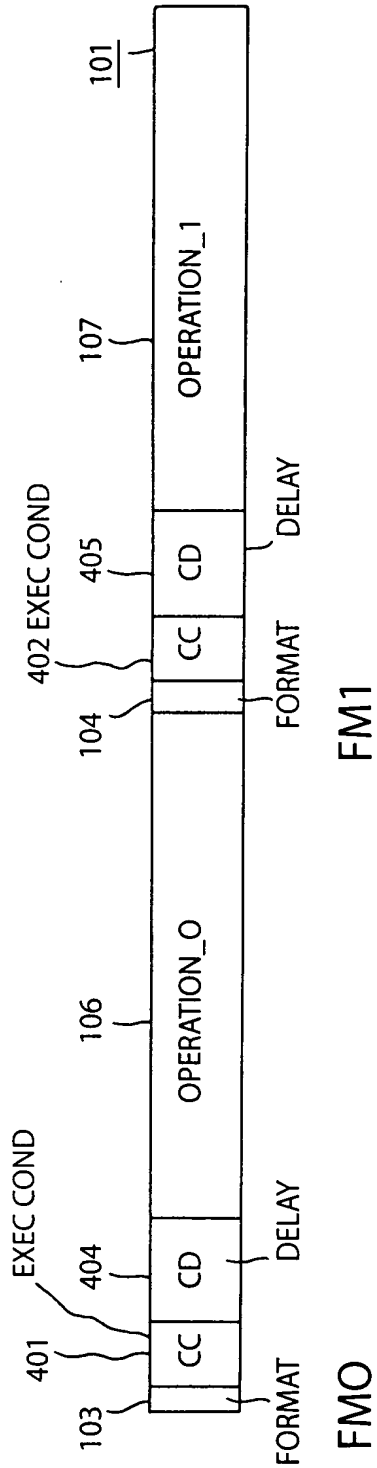
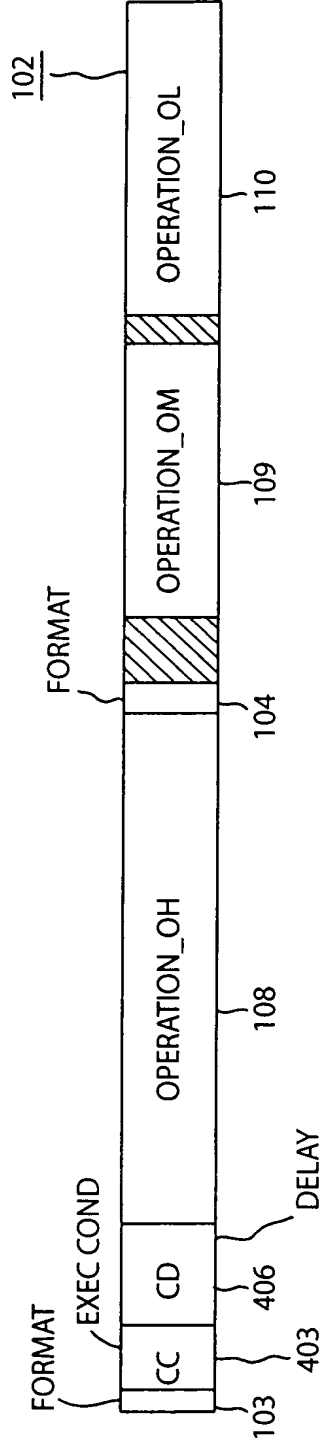


FIG. 2(b)



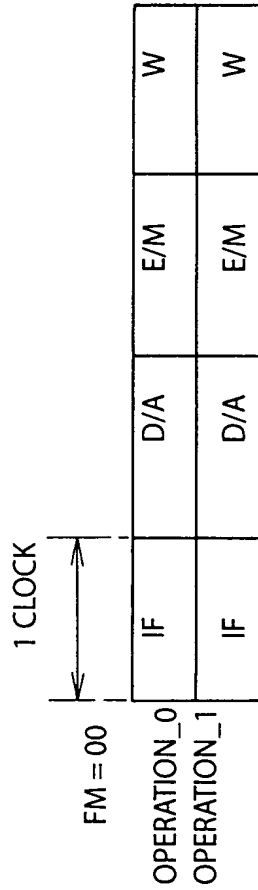


FIG. 3 (a)

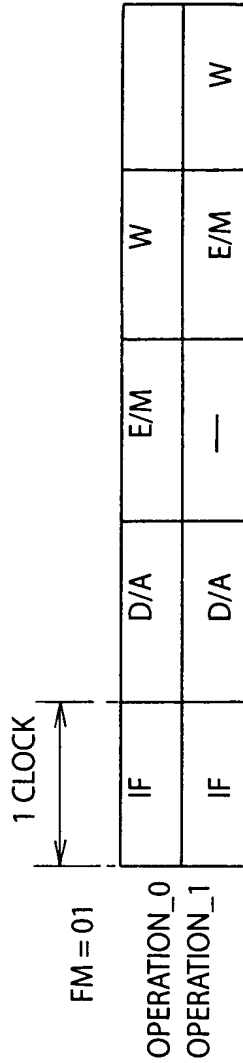


FIG. 3 (b)

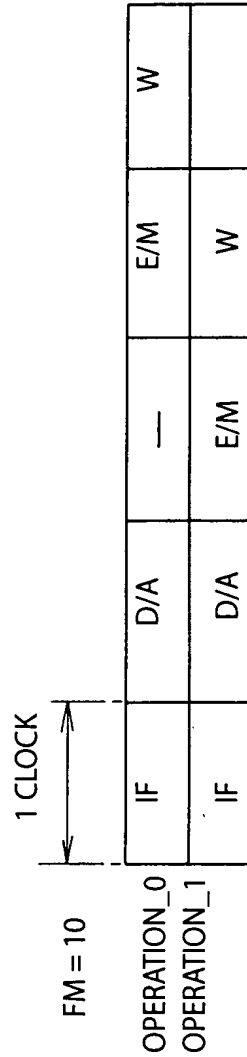


FIG. 3 (c)

FIG. 4

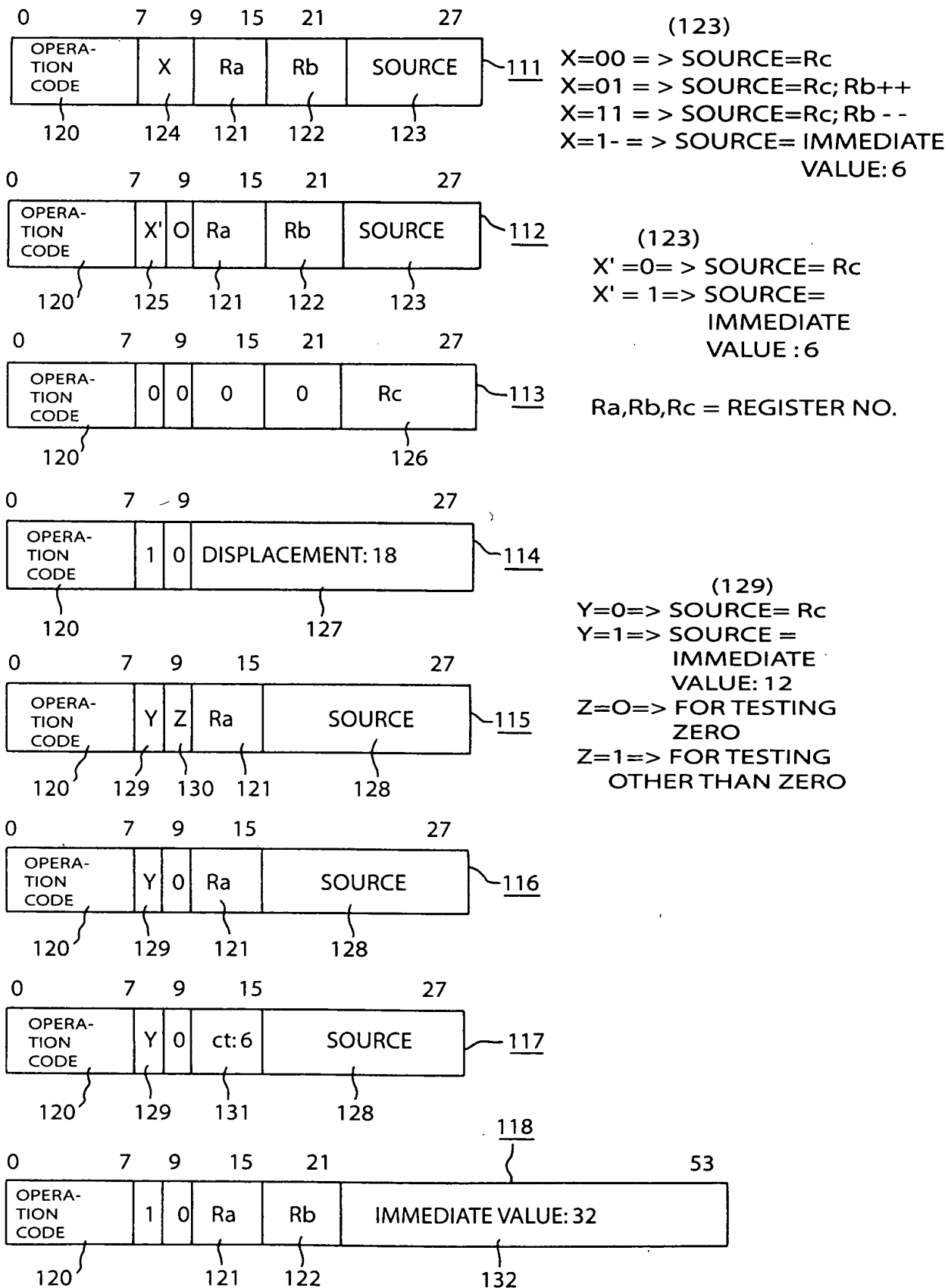


FIG. 5 (a)

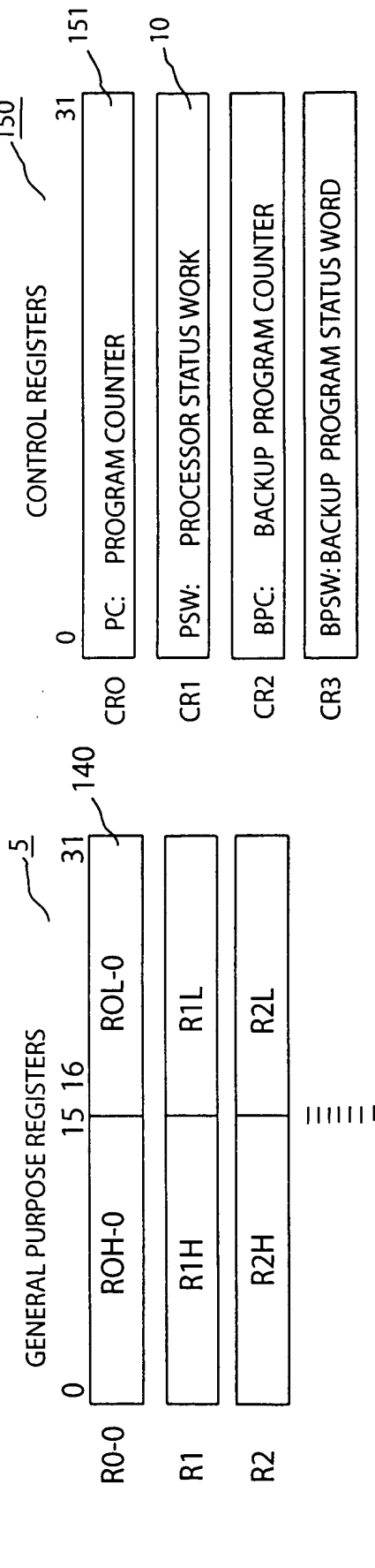


FIG. 5 (c)

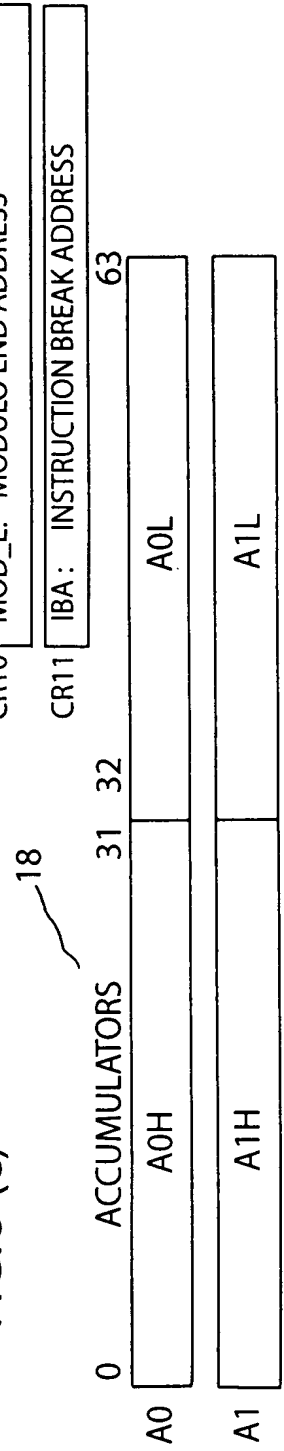


FIG. 6

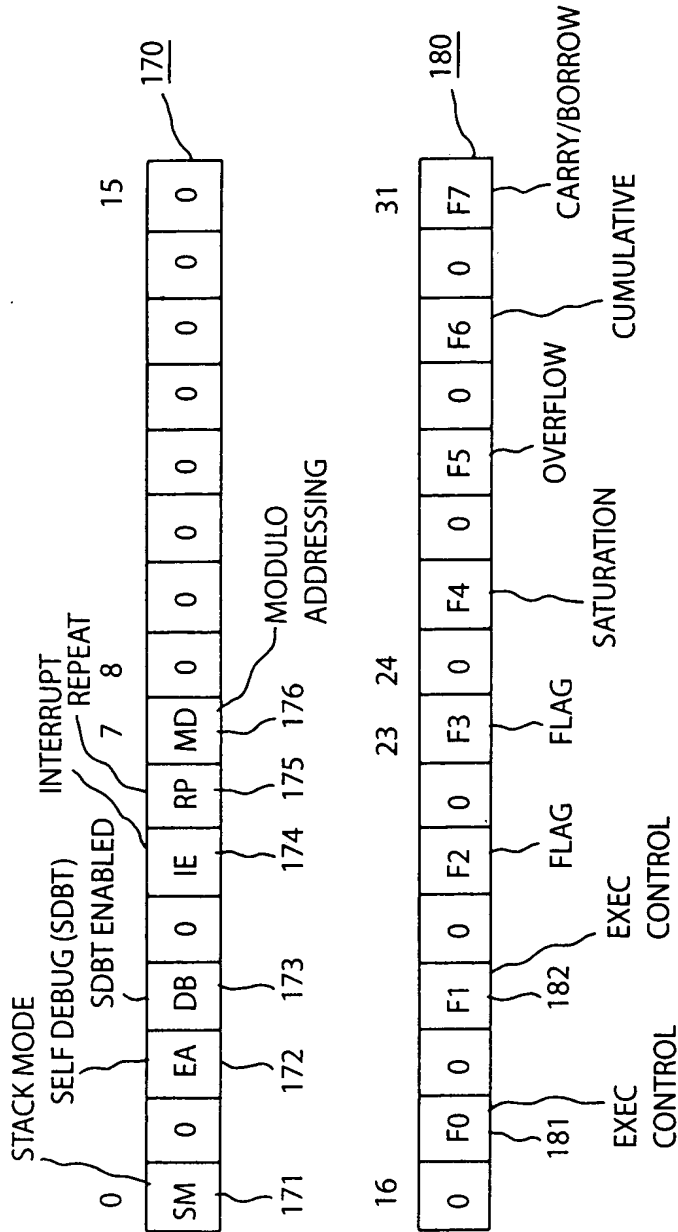


FIG. 7

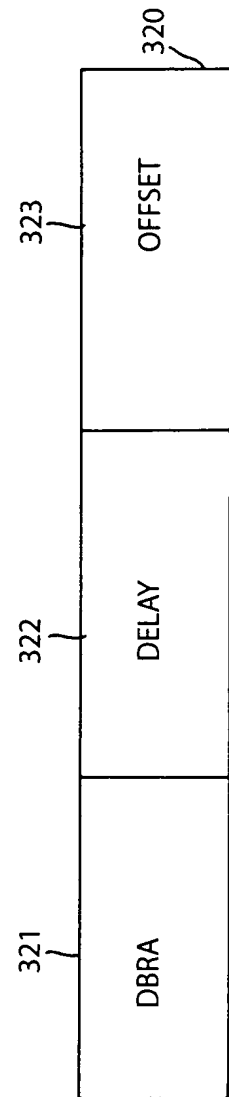


FIG. 8

INSTRUCTION ADDRESS	OPERATION_0	OPERATION_1
H' 1000	I01 (BRA FOF #H' 20 loop)	I02:
H' 1008	loop:I11	I12:
H' 1010	I21 (ADD R2,R2,R3)	I22:
H' 1018	I31 (CMPEO R2,R4,FO)	I32:
H' 1020	end:I41	I42:
H' 1028	I51	I52:
H' 1030	I61	I62:

FIG. 9

CLOCK

FIG.10

INSTRUCTION ADDRESS	OPERATION_0	OPERATION_1
H' 1000	I01 (DJMP FOT #H'18#H'28R5)	I02:
H' 1008	I11 (ADD R1,R1,R2)	I12:
H' 1010	I21 (CMPEQ R1,R3,F0)	I22:
H' 1018	I31 (ADD R5,R5,R6)	I32:
H' 1020	I41	I42:
H' 1028	I51	I52:
H' 1030	I61	I62:
H' 1038	I71	I72:

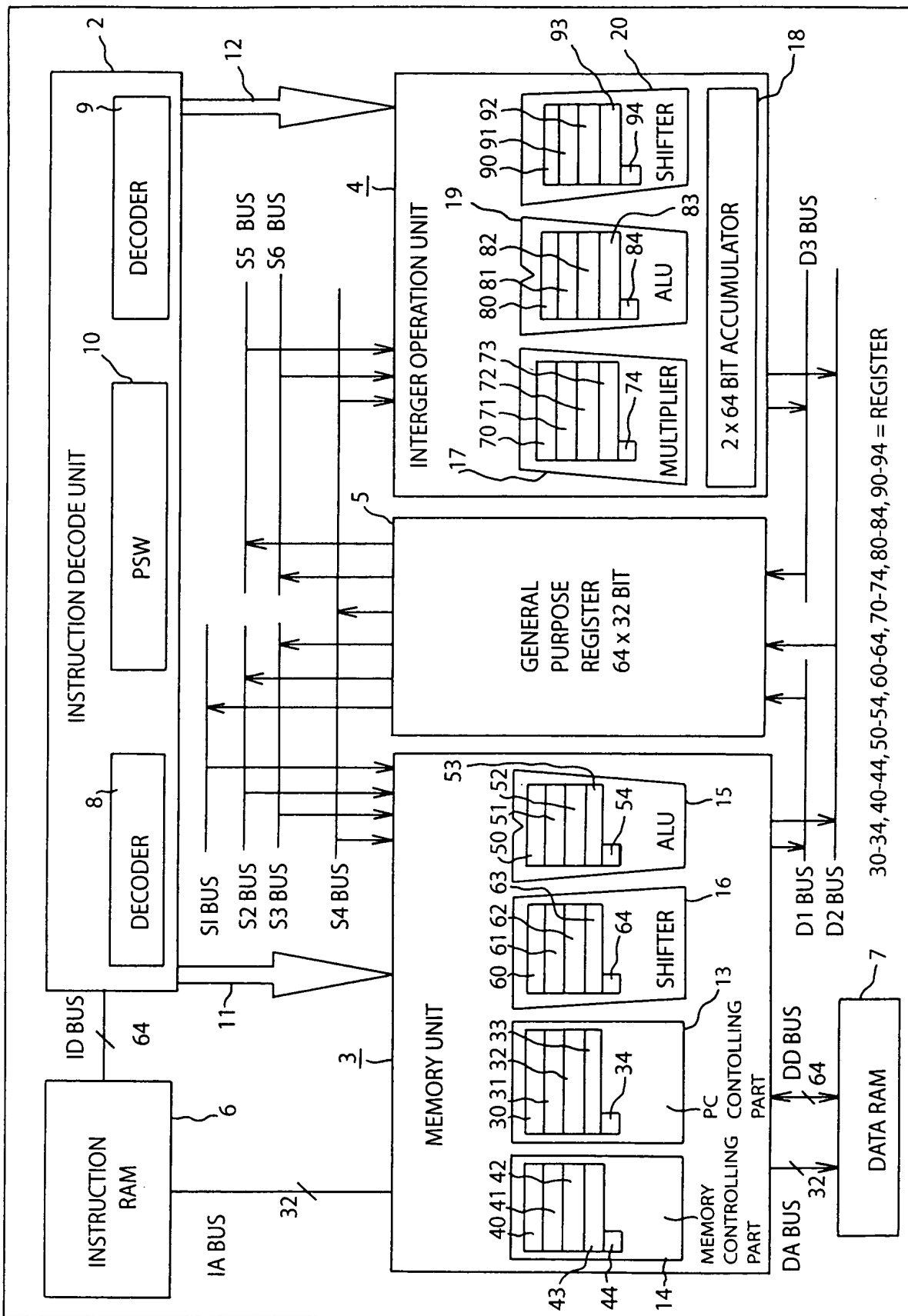


FIG. 12